

WHAT IS CLAIMED IS:

1. A solid-state image sensing device comprising:  
a plurality of groups of sensors, each of the sensors comprises a pixel line and a charge-transfer part for transferring signal charge to be read from each pixel of the pixel line; and

driving means, by which when reading of the signal charge is performed at a different timing between said plurality of groups of sensors, during a reading period of one sensor, stopping transfer driving of the signal charge of the other sensor is performed.

2. A solid-state image sensing device according to Claim 1,

wherein said groups of sensors are formed on the same chip.

3. A solid-state image sensing device according to Claim 1,

wherein a reading period of the signal charge from said pixel line to said charge-transfer part in said plurality of groups of sensors is different for each sensor.

4. A solid-state image sensing device according to

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Claim 1,

wherein said driving means comprises transfer driving of a transfer stage in the vicinity of a final transfer stage of the charge-transfer part in said other sensor during the period when transfer driving of the signal charge in said other sensor is stopped.

5. A solid-state image sensing device according to Claim 1,

wherein said driving means comprises restarting of transfer driving of the signal charge in said other sensor in accordance with the output timing of said one sensor.

6. A method for driving a solid-state image sensing device, the image sensing device comprising a plurality of groups of sensors, each of the sensors comprises a pixel line and a charge-transfer part for transferring a signal charge to be read from each pixel of the pixel line, the driving method comprises stopping transfer driving of the signal charge of the other sensor during reading period of one sensor when reading of a signal charge at a different timing between said plurality of groups of sensors is performed.

7. A method for driving a solid-state image sensing

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device according to Claim 6,

wherein said groups of sensors are formed on the same chip.

8. A method for driving a solid-state image sensing device according to Claim 6,

wherein a reading period of the signal charge from said pixel line to said charge-transfer part in said plurality of groups of sensors is different for each sensor.

9. A method for driving a solid-state image sensing device according to Claim 6,

wherein transfer driving of a transfer stage in the vicinity of a final transfer stage of the charge-transfer part in said other sensor during the period when transfer driving of the signal charge in said other sensor is stopped.

10. A method for driving a solid-state image sensing device according to Claim 6,

wherein restarting of transfer driving of the signal charge in said other sensor in accordance with the output timing of said one sensor.

11. An image scanner comprising a solid-state image sensing device for an image sensor to read a document image,

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the solid-state image sensing device comprising:

a plurality of groups of sensors, each of the sensors comprises a pixel line and a charge-transfer part for transferring signal charge to be read from each pixel of the pixel line; and

driving means, by which when reading of the signal charge is performed at a different timing between said plurality of groups of sensors, during a reading period of one sensor, stopping transfer driving of the signal charge of the other sensor is performed.

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